

Patent

Customer No.: 31561  
 Docket No. 12057-US-PA  
 Application No.: 10/707,666

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Applicant : Koike et al.  
 Application No. : 10/707,666  
 Filed : 2003/12/31  
 For : CIRCUIT AND METHOD OF MULTI-CHANNEL DUAL  
 SLOPE ADC WITH OFFSET CANCELLATION AND  
 HYSTERESIS INPUT  
 Art Unit : 2819  
 Examiner : WILLIAMS, HOWARD L

TRANSMITTAL LETTER  
 002-1-703-872-9306  
 (Via fax: 1+11 pages)

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 DEC 09 2004

Assistant Commissioner for Patents  
 Arlington, Virginia 22202

Dear Sir,

In response to the Office Action dated September 9, 2004, transmitted herewith is the *Amendment and Response to Office Action*, in 11 pages, in response to paper No.090104.

I believe that no fee is incurred. However, the Commissioner is authorized to charge any fees required in connection with the filing of this paper to account No. 50-2620 (Order No.: 12057 -US-PA)

Thank you for your assistance in the subject matter. If you have any questions, please feel free to contact me.

Respectfully Submitted,  
 JIANQ CHYUN Intellectual Property Office

Date: Dec. 9, 2004

By: Melinda Lee  
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 Registration No.: 46,863

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Customer No.: 31561  
Application No.: 10707,666  
Docket No.: 12057-US-PA

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In Re Application of:

KOIKE HIDCHARU

Serial No. : 10/707,666

Filed : 12/31/2003

For : CIRCUIT AND METHOD OF  
MULTI-CHANNEL DUAL SLOPE)  
ADC WITH OFFSET  
CANCELLATION AND  
HYSTERESIS INPUT

)  
)  
) Examiner : Howard L. Williams  
)  
) Art Unit : 2819  
)  
) Docket No. : 12057-US-PA  
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No fee is believed to be due. However, the Commissioner is authorized to charge any fees required in connection with the filing of this paper to account No. 50-2620 (Order No. 12057-US-PA).

**AMENDMENT AND RESPONSE TO OFFICE ACTION**

U.S. Patent and Trademark Office  
Commissioner for Patents  
220 20th Street South  
Customer Window, Mail Stop Amendment  
Crystal Plaza Two, Lobby, Room 1B03  
Arlington, Virginia 22202

Dear Sir:

The Office Action mailed September 9, 2004 has been carefully considered. In response thereto, please enter the following amendments and consider the following remarks.

**Page 1 of 11**